



Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Mound Branch

Waterbody Segment at a Glance:

County:	Bates
Nearby Cities:	Butler
Length of impairment:	1 mile
Pollutant:	Biochemical Oxygen Demand (BOD)
Source:	Butler Wastewater Treatment Plant



State map showing location of watershed

TMDL Priority Ranking: High

Description of the Problem

Beneficial uses of Mound Branch

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life and Human Health associated with Fish Consumption.

Use that is impaired

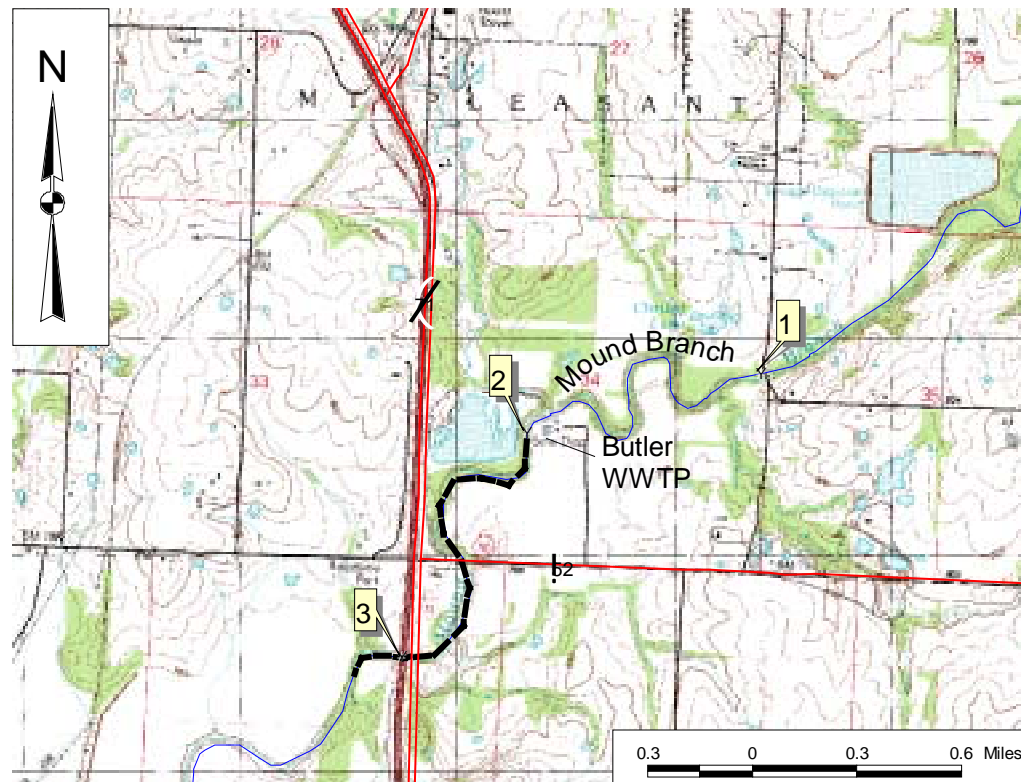
- Protection of Warm Water Aquatic Life

Standards that apply

- The Missouri Water Quality Standard, found in 10 CSR 20-7.031 Table A, for dissolved oxygen (related to BOD) in streams is 5.0 mg/L (milligrams per liter or parts per million).

Mound Branch shows low levels of dissolved oxygen downstream from the Butler wastewater treatment plant (WWTP). Most aquatic organisms require high levels of oxygen to survive. Wastewater high in high Biochemical Oxygen Demand (BOD) reduces the amount of dissolved oxygen in the stream's water. Like all wastewater discharges in Missouri, the Butler WWTP has to meet the requirements of a discharge permit issued by Missouri Department of Natural Resources. Changes will be made to the discharge permit that will improve the quality of the wastewater discharge. This, in turn, will improve the water quality in Mound Branch.

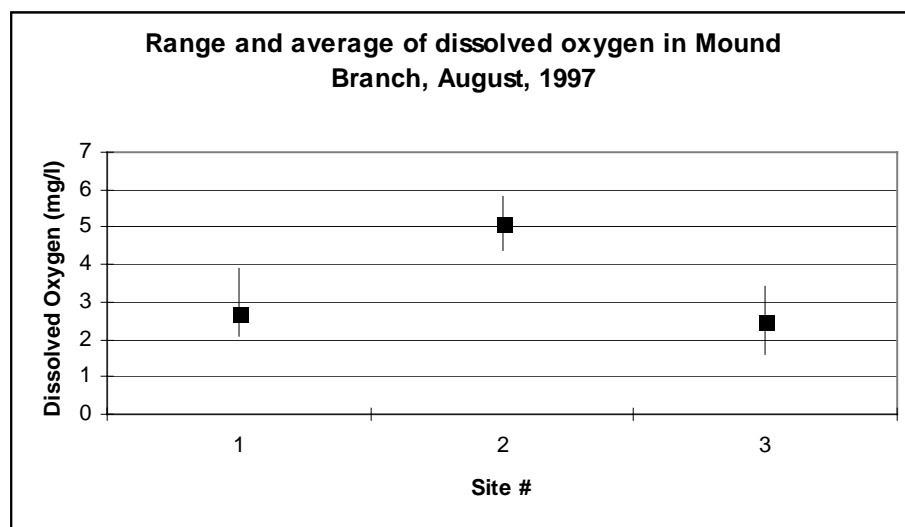
Location Map of Mound Branch, Bates County Showing Sampling Sites



----- Impaired Segment

Site Index

- 1 – Mound Branch 1.2 miles above Butler WWTP
- 2 – Butler WWTP Outfall
- 3 – Mound Branch 0.9 mile below Butler WWTP



Source: Missouri Dept of Natural Resources

For more information call or write:

Missouri Department of Natural Resources

Water Pollution Control Program

P.O. Box 176, Jefferson City, MO 65102-0176

1-800-361-4827 or (573) 751-1300 office

or (573) 751-9396 fax

Program Home Page: www.dnr.state.mo.us/wpscd/wpcp/index.html